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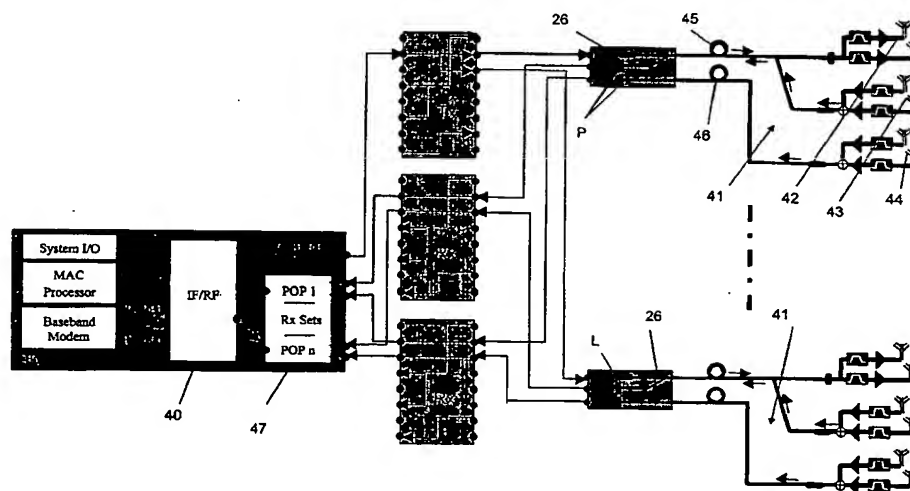
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[Continued on next page]

(54) Title: NETWORK



(57) Abstract: A communications network comprises two or more cell sites for communication with wireless terminals. At least one of the cell sites has multiple receive antennas (43, 44). A central site has one or more interface controllers (25) and a switch system (12) through which the controllers are connected to the cell sites. For each controller in communication with a wireless terminal, a cell site is selected for reception of signals from the terminal, and for each selected cell site having more than one receive antenna, an antenna within the site is selected for reception from the terminal.

WO 2004/093471 A3



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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/09734

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : H04Q 7/00

US CL : 370/338

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 370/ 338, 339, 328, 330, 335, 342, 465

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
Please See Continuation Sheet

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6,072,790 A (NEUMILLER et al), June 6, 2000, all	1

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

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document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

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document member of the same patent family

Date of the actual completion of the international search

03 September 2004 (03.09.2004)

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INTERNATIONAL SEARCH REPORT

PCT/US04/09734

Continuation of B. FIELDS SEARCHED Item 3:

EAST

search term: antennas, network, cell site, switch, controller, interface, fiber, protocol